



SUSTAINABLE BUILDING SOLUTIONS



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'Delivering Water Efficiency & Sustainable Building Solutions'



Green Roof

More and more architects and property owners are recognising the many advantages associated with green roofs. Not only are they visually attractive: they also provide energy savings, which make them beneficial both economically and ecologically.

A Green Roof is created when a planting scheme is established on a roof structure. The roof can be located anywhere from ground level, usually with an underground car park beneath, to a residential or commercial roof many storeys high.

There are two main categories of green roof; Intensive and Extensive:-

Intensive Green Roof Systems

Intensive green roof systems are designed to be used as recreational spaces and often involve features similar to traditional gardens.

Extensive Green Roof Systems

Extensive green roof systems are intended as a decorative/ecological feature. They are not normally used as a recreational space and often have limited access for maintenance only.

- Environmentally friendly and sustainable.
- Attenuates storm water run-off, help reducing flood risk.
- Reduces solar heat gain through the roof
- Introduces wildlife habitats within cities and urban areas.
- Reduces the Urban Heat Island Effect.
- Improves air quality by filtering out particulate pollution.



Helps meet local planning policy.